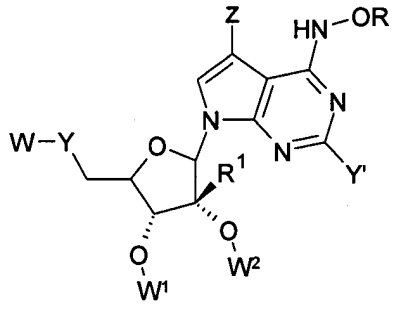
Listing of Claims:

Claim 1 (currently amended): A compound of Formula I below:



I

wherein:

W is selected from the group consisting of hydrogen, monophosphate, diphosphate, and triphosphate; [[,]]

W^1 and W^2 are ~~independently selected from the group consisting of~~ hydrogen ~~and a pharmaceutically acceptable prodrug~~;

R is selected from the group consisting of hydrogen or $(C_1\text{-}C_3)$alkyl;

R^1 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl and substituted alkynyl;

Y is a bond, $-CH_2-$ or -O-;

Y' is selected from the group consisting of hydrogen, halo, hydroxyl, thioalkyl, amino and substituted amino;

Z is selected from the group consisting of formyl, ~~acyl, cyano, carboxyl, carboxyl ester, $-C(O)NR^{20}R^{21}$~~, halo, $-B(OH)_2$, ~~$-C(=NR^2)R^3$~~, nitro, alkenyl, substituted alkenyl, acetylenyl and substituted acetylenyl of the formula $-C\equiv C-R^4$;

~~where R^2 is selected from the group consisting of hydrogen, -OH, $-OR^5$, amino, substituted amino, and $(C_1\text{-}C_2)$alkyl, where R^5 is selected from the group consisting of alkyl and substituted alkyl;~~

~~R^3 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, amino and substituted amino;~~

R^4 is selected from the group consisting of hydrogen, phenyl, substituted phenyl, heteroaryl, substituted heteroaryl, -Si(R^8)$_3$, carboxyl, carboxyl esters, and -C(O)NR^6R^7 where R^6 and R^7 are independently hydrogen, alkyl or R^6 and R^7 together with the nitrogen atom pendent thereto are joined to form a heterocyclic, substituted heterocyclic, heteroaryl or substituted heteroaryl group; and

each R^8 is independently (C_1-C_4)alkyl or phenyl; ~~and~~

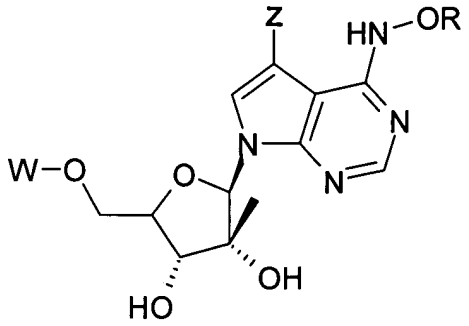
~~R^{20} and R^{21} are independently hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocyclic and substituted heterocyclic or R^{20} and R^{21}, together with the nitrogen atom pendent thereto form a heterocyclic or substituted heterocyclic group;~~

or pharmaceutically acceptable salts thereof.

Claim 2 (currently amended): A compound of claim 1 wherein, W is ~~selected from the group consisting of~~ hydrogen~~, monophosphate, diphosphate, and triphosphate~~.

Claims 3-4 (canceled).

Claim 5 (currently amended): A compound of Formula II



II

wherein:

W is selected from the group consisting of hydrogen, monophosphate, diphosphate, and triphosphate ~~and a pharmaceutically acceptable prodrug~~;

R is selected from the group consisting of hydrogen or $(C_1$-$C_3)$alkyl;

Z is selected from the group consisting of formyl, ~~acyl, cyano, carboxyl, carboxyl ester, -C(O)NR^{20}R^{21}~~, halo, -B(OH)$_2$, ~~-C(=NR^2)R^3~~, nitro, alkenyl, substituted alkenyl, acetylenyl and substituted acetylenyl of the formula -C≡C-R^4;

~~where R^2 is selected from the group consisting of hydrogen, -OH, -OR^5 amino, substituted amino, and $(C_1$-$C_2)$alkyl, where R^5 is selected from the group consisting of alkyl and substituted alkyl;~~

~~R^3 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, amino and substituted amino;~~

R^4 is selected from the group consisting of hydrogen, phenyl, substituted phenyl, heteroaryl, substituted heteroaryl, -Si(R^8)$_3$, carboxyl, carboxyl esters, and -C(O)NR^{6}R^7 where R^6 and R^7 are independently hydrogen, alkyl or R^6 and R^7 together with the nitrogen atom pendent thereto are joined to form a heterocyclic, substituted heterocyclic, heteroaryl or substituted heteroaryl group; and

each R^8 is independently $(C_1$-$C_4)$alkyl or phenyl; ~~and~~

~~R^{20} and R^{21} are independently hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocyclic and substituted heterocyclic or R^{20} and R^{21}, together with the nitrogen atom pendent thereto form a heterocyclic or substituted heterocyclic group;~~

or pharmaceutically acceptable salts thereof.

Claim 6 (currently amended): A compound of claim 5 wherein, W is ~~selected from the group consisting of~~ hydrogen~~, monophosphate, diphosphate, and triphosphate~~.

Claim 7 (canceled).

Claim 8 (currently amended): A compound of Claim ~~7~~ 1 or 5 wherein, Z is selected from formyl, nitro, ~~bromro~~ bromo, iodo, and -C≡C-R^4 and R^4 is selected from H, phenyl, and -$Si(CH_3)_3$.

Claim 9 (currently amended): A compound selected from the group consisting of:

1-(6-hydroxylamino-7-ethynyl-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (1);

1-(6-hydroxylamino-7-(2-phenylethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (2);

1-(6-hydroxylamino-7-(2-(pyridin-2-yl)-ethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (3);

1-(6-hydroxylamino-7-(2-(4-fluorophenyl)ethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (4);

1-(6-hydroxylamino-7-(2-(4-methylphenyl)ethyn-1-yl)-7-deaza-purin-9-yl)-2-methyl-β-D-ribofuranose (5);

1-(6-hydroxylamino-7-(2-carboxylethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (6);

~~1-(6-hydroxylamino-7-(2-ethyl carboxylethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (7);~~

1-(6-hydroxylamino-7-(2-ethylcarboxylethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (7);

1-(6-hydroxylamino-7-(2-carboxamidoethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (8);

1-(6-hydroxylamino-7-(2-trimethylsilylethyn-1-yl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (9);

1-(6-hydroxylamino-7-ethenyl-7-deaza- purin-9-yl)-2-methyl-β-D-ribofuranose (10);

1-(6-hydroxylamino-7-formyl-7-deaza-purin-9-yl)-2-methyl-β-D-ribofuranose (11);

~~1-(6-hydroxylamino-7-(carbaldehyde oxime))-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (12);~~

~~1-(6-hydroxylamino-7-(boronic acid)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (13);~~

1-(6-hydroxylamino-7-(boronic acid)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (13);

1-(6-hydroxylamino-7-(2,2-difluorovinyl)-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (14);

1-(6-hydroxylamino-7-(2-*cis*-methoxyvinyl)-7-deazapurin-9-yl)-2-methy-β-D-ribofuranose (15);

1-(6-hydroxylamino-7-nitro-7-deaza-purin-9-yl)-2-methyl-β-D-ribofuranose (16);

~~1-(6-hydroxylamino-7-cyano-7-deaza- purin-9-yl)-2-methyl-β-D-ribofuranose (17);~~

1-(6-methoxyamino-7-ethynyl-7-deazapurin-9-yl)-2-methyl-β-D-ribofuranose (18);

1-(6-methoxyamino-7-nitro-7-deaza-purin-9-yl)-2-methyl-β-D-ribofuranose (19);

1-(6-methoxyamino-7-formyl-7-deaza-purin-9-yl)-2-methyl-β-D-ribofuranose (20);

and pharmaceutically acceptable salts thereof.

Claim 10 (original): A pharmaceutical compositions comprising a pharmaceutically acceptable diluent and a therapeutically effective amount of a compound of any one of Claims 1, 5 and 9.

Claims 11-12 (canceled).